

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	827	(548/235).CCLS.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/26 18:52
L2	1719	(514/374).CCLS.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/26 18:52
L3	305	I2 and I1	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/26 18:53
L4	115	I3 and diabetes	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/26 18:54

10788997 11/26/06

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS	4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS	5	AUG 30	CA(SM)/CAPLUS(SM) Austrian patent law changes
NEWS	6	SEP 11	CA/CAPLUS enhanced with more pre-1907 records
NEWS	7	SEP 21	CA/CAPLUS fields enhanced with simultaneous left and right truncation
NEWS	8	SEP 25	CA(SM)/CAPLUS(SM) display of CA Lexicon enhanced
NEWS	9	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS	10	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS	11	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS	12	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS	13	OCT 19	E-mail format enhanced
NEWS	14	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS	15	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	16	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	17	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	18	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	19	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	20	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	21	NOV 13	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	22	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS	23	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	24	NOV 20	CA/CAPLUS patent kind codes will be updated
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:14:19 ON 26 NOV 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 18:14:30 ON 26 NOV 2006

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STRUCTURE FILE UPDATES: 24 NOV 2006 HIGHEST RN 913944-64-6

DICTIONARY FILE UPDATES: 24 NOV 2006 HIGHEST RN 913944-64-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

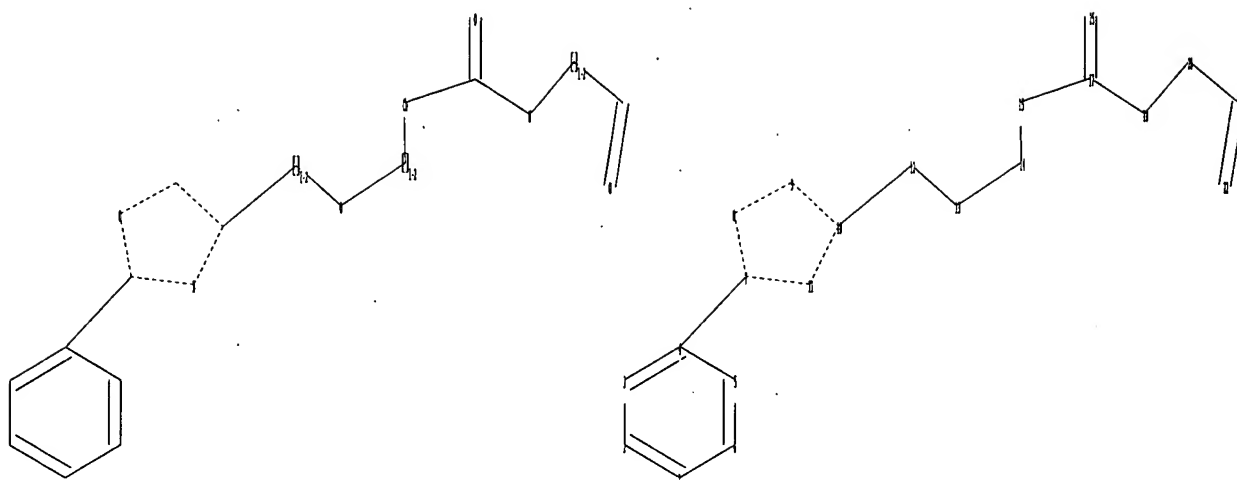
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10788997.str



```

chain nodes :
12 13 14 15 17 18 20 21 22 25
ring nodes :
1 2 3 4 5 6 7 8 9 10 11
chain bonds :
4-7 10-12 12-13 13-14 14-15 15-17 17-18 17-25 18-20 20-21 21-22
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11
exact/norm bonds :
7-8 7-11 8-9 9-10 10-11 12-13 13-14 17-18 17-25 18-20 21-22
exact bonds :
4-7 10-12 14-15 15-17 20-21
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 : 7 :

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G1:O,S,N

Match level :

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1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:Atom 17:CLASS 18:CLASS 20:CLASS
21:CLASS 22:CLASS 25:CLASS

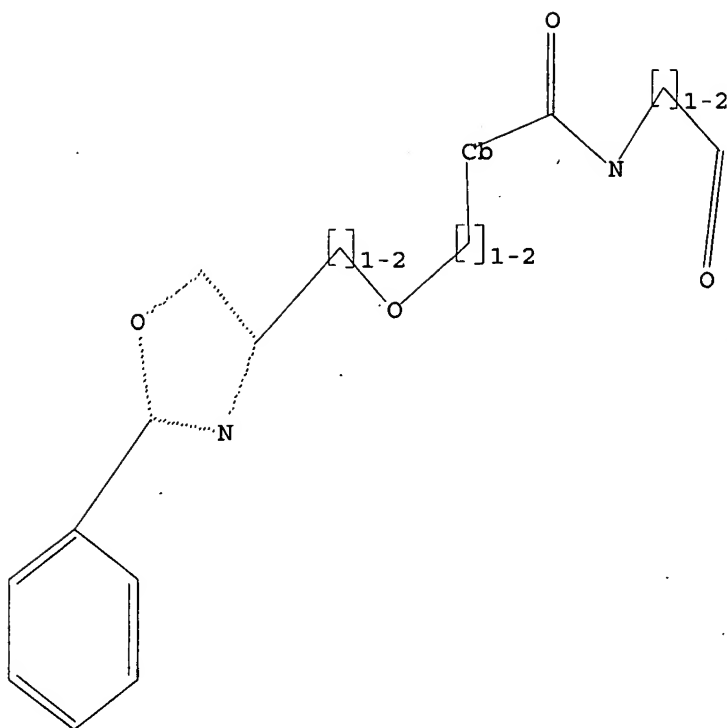
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L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 18:14:52 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 89 TO ITERATE

100.0% PROCESSED 89 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1214 TO 2346
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 18:15:21 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1870 TO ITERATE

100.0% PROCESSED 1870 ITERATIONS 11 ANSWERS
SEARCH TIME: 00.00.01

L3 11 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE TOTAL

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	ENTRY	SESSION
FULL ESTIMATED COST	167.38	167.59

FILE 'CAPLUS' ENTERED AT 18:15:27 ON 26 NOV 2006
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FILE COVERS 1907 - 26 Nov 2006 VOL 145 ISS 23
FILE LAST UPDATED: 24 Nov 2006 (20061124/ED)

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=> s l3

L4 1 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:740306 CAPLUS
DOCUMENT NUMBER: 141:243829
TITLE: Synthesis of oxazol-4-yl-cyclohexanecarbonyl-amino
acid derivatives as peroxisome proliferator activated
receptor (ppar) modulators for the treatment of type

INVENTOR(S): diabetes and atherosclerosis
Stapper, Christian; Gretske, Dirk; Falk, Eugen;
Goerlitzer, Jochen; Keil, Stefanie; Schaefer,
Hans-Ludwig; Gloebnik, Reiner; Wendler, Wolfgang
PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany
SOURCE: PCT Int. Appl., 114 pp.
CODEN: PIXX2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004076426	A1	20040910	WO 2004-EP1578	20040219
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, EC, EE, EG, ES, FI, GB, GM, GH, GU, GW, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MJ, MK, MN, MM, MC, NZ, NA, NI, NO, NZ, OM, PA, PE, PG, PH, PK, PL, PT, RO, RU, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10308355	A1	20041223	DE 2004-10308355	20030227
AU 2004215672	A1	20040910	AU 2004-215672	20040219
ZA 200416630	AA	20040910	ZA 2004-2156620	20040219
EP 1594945	A1	20041110	EP 1594945	20040219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE, NC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004007814	A	20060214	BR 2004-7814	20040219
CN 1753879	A	20060329	CN 2004-80005437	20040219
CN 1753881	A	20060329	CN 2004-80005476	20040219
CN 1756748	A	20060405	CN 2004-80005498	20040219
JP 2006519193	T2	20060824	JP 2006-501885	20040219
US 2004209920	A1	20041021	US 2004-29917	20040227
US 2005101637	A1	20050512	US 2004-788996	20040227
US 2005215596	A1	20050929	US 2004-788997	20040227
ZA 2005005768	A	20051123	ZA 2005-5768	20050719
NO 2005004396	A	20051111	NO 2005-4396	20050922
PRIORITY APPLN. INFO.:			DE 2003-10308355	A 20030227
			US 2003-4875109	P 20030715
			WO 2004-EP1578	A 20040219

OTHER SOURCE(S) : MARPAT 141:243829
GI

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to cis-cyclohexyl-substituted amino acid deriva., e.g. (I), and their physiol. acceptable salts and physiol. functional deriva., as suitable compds. for treatment and/or prevention of disturbances of fatty acid metabolism, impaired glucose utilization, and disturbances in which insulin resistance plays a role, for example. Intermediate (II) was prepared from Et 4-methyl-3-oxo-pentanoic acid, which was reacted with sodium nitrite in water to give Et 2-hydroxyimino-4-methyl-3-oxo-pentanoic acid, which was then reduced to the amine hydrochloride salt, reacted with 4-methylbenzoyl chloride, and the product cyclized to the substituted oxazole using phosphoroxychloride. The resulting intermediate was reduced to the 4-methanol derivative, which was iodinated to give II. Intermediate (III) was prepared from 6-oxabicyclo[3.2.1]octan-7-one by formation of the ring-opened Me ester diphenyl-methylsilyl ether derivative, which was coupled with H-L-Val-OCBu, and the product O-deprotected. Coupling of II and III gave title compds. Separation of the cis-cyclohexane isomers could be accomplished using HPLC techniques. Title compound (IV), prepared in the same fashion using H-L-Ala-OCBu and III prepared from 3-oxabicyclo[3.3.1]nonane, had EC50 of 10 nM when tested in vitro against PPARG; similarly prepared I had EC50 99 nM.

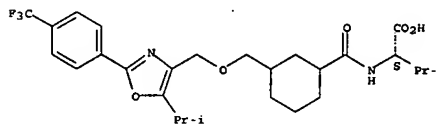
IT 752214-13-4P 752214-14-5P 752214-21-4P
RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);

THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino acid deriva. as peroxisome proliferator activated receptor (ppar) modulators for the treatment of metabolic diseases)

RN 752214-13-4 CAPLUS

CN L-Valine, N-[(3-[[[(5-(1-methylethyl)-2-[4-(trifluoromethyl)phenyl]-4-oxazolylmethoxy)methyl]cyclohexyl]carbonyl]-9CI) (CA INDEX NAME)

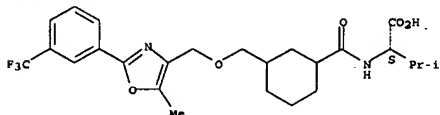
Absolute stereochemistry.



RN 752214-14-5 CAPLUS

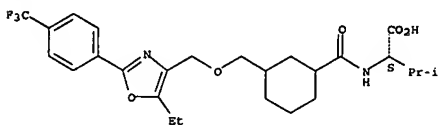
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN L-Valine, N-[[[3-[[[5-methyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 752214-21-4 CAPLUS
CN L-Valine, N-[[3-[[[5-ethyl-2-[4-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



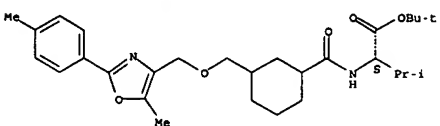
IT 752213-20-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of amino acid deriva. as peroxisome proliferator

receptor (ppar) modulators for the treatment of metabolic diseases)

RN 752213-20-0 CAPLUS

CN L-Valine, N-[[3-[[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 752214-10-1P 752214-11-2P 752214-15-6P
752214-16-7P 752214-17-8P 752214-18-9P
752214-20-3P

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

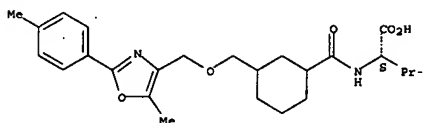
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study); PPAR (Preparation); USAS (Uses)
      (prepn. of amino acid deriva. as peroxisome proliferator activated
      receptor (ppar) modulators for the treatment of metabolic diseases)

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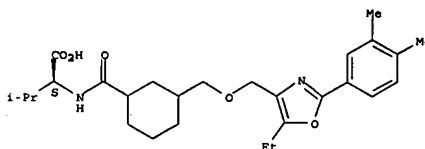
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Absolute stereochemistry.



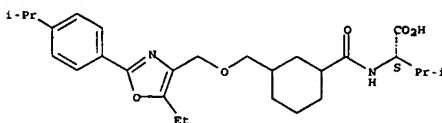
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CN L-Valine, N-([3-[[[2-(3,4-dimethylphenyl)-5-ethyl-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 752214-15-6 CAPLUS
CN L-Valine, N-[[3-[[[5-ethyl-2-[4-(1-methylethyl)phenyl]-4-oxazolyl]methoxy)methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

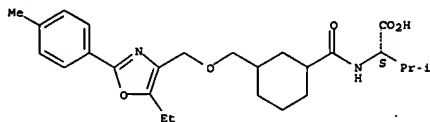


RN 752214-16-7 CAPLUS
CN L-Valine, N-[[[3-[[[5-ethyl-2-(4-methylphenyl)-4-

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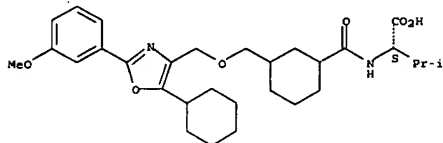
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
oxazolyl)methoxy)methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



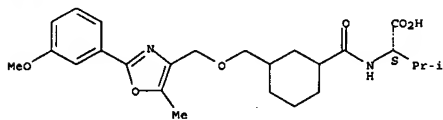
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CN L-Valine, N-[[[3-[[[5-cyclohexyl-2-(3-methoxyphenyl)-4-oxazolyl)methoxy)methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 752214-18-9 CAPLUS
CN L-Valine, N-[[[3-[[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl)methoxy)methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

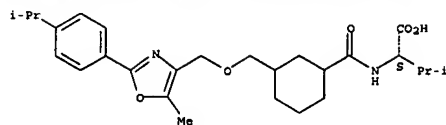
Absolute stereochemistry.



RN 752214-20-3 CAPLUS
CN L-Valine, N-[[[3-[[[5-methyl-2-[4-(1-methylethyl)phenyl]-4-oxazolyl)methoxy)methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

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=> logoff

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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.03

173.62

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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-0.75

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